

IN THE CLAIMS

Claims 1-49 are presented below, with claims 1-49 pending. As shown below, claims 1-9, 12-20, 23-36, and 39-47 have been canceled. Claims 10, 11, 21, 22, 37, 38, 48 and 49 have been amended.

1-9. (Canceled)

10. (Currently amended) ~~The digital broadcasting reception system according to claim 8, wherein~~
A digital broadcasting reception system comprising a receiver for receiving digital broadcasting,
a display for displaying the images of the digital broadcasting received by said receiver and a
printer for printing images contained in the digital broadcasting received by said receiver;
said receiver, said display and said printer being connected to each other by way of a first
signal transmission means for transmitting digital signals;
said receiver having:
a reception means for receiving digital broadcasting;
an imaging means for generating video data by performing a predetermined imaging
operation according to the received signals of digital broadcasting; and
an output means for transmitting the video data generated by said imaging means by way
of said first signal transmission means to said display and to said printer;
said printer having:
a reception means for receiving video data transmitted by said first signal transmission
means; and

a printing means for printing the images of the video data received by said reception means;

said receiver and said printer are connected to each other by way of a second signal transmission means showing a data transmission rate lower than said first signal transmission means;

said receiver and said printer being provided with respective transmission/reception means for transmitting and receiving code data containing a quantity of information smaller than said video data;

 said receiver includes:

 a code data generating means for generating code data containing service information and/or character information by performing a certain processing operation according to the signals of the digital broadcasting received by said reception means; and

 said printer includes:

 a code data extracting means for extracting the service information and/or the character information out of the code data received by said transmission/reception means; and

 a synthesizing means for synthesizing the service information and/or the character information extracted by said code data extracting means and generating synthesized images;

 said printing means being adapted to print the synthesized images generated by said synthesizing means.

11. (Currently amended) ~~The digital broadcasting reception system according to claim 8, wherein~~
A digital broadcasting reception system comprising a receiver for receiving digital broadcasting,

PATENT

Appl. No. 09/706,116

Attorney Docket No. 450100-02829

a display for displaying the images of the digital broadcasting received by said receiver and a printer for printing images contained in the digital broadcasting received by said receiver;
said receiver, said display and said printer being connected to each other by way of a first signal transmission means for transmitting digital signals;
said receiver having:
a reception means for receiving digital broadcasting;
an imaging means for generating video data by performing a predetermined imaging operation according to the received signals of digital broadcasting; and
an output means for transmitting the video data generated by said imaging means by way of said first signal transmission means to said display and to said printer;
said printer having:
a reception means for receiving video data transmitted by said first signal transmission means; and
a printing means for printing the images of the video data received by said reception means;
said receiver and said printer are connected to each other by way of a second signal transmission means showing a data transmission rate lower than said first signal transmission means;
said receiver and said printer being provided with respective transmission/reception means for transmitting and receiving code data containing a quantity of information smaller than said video data;
said receiver includes:

a code data generating means for generating code data containing predetermined selection information; and

said printer includes:

a reception means for receiving digital broadcasting according to the selection information contained in the code data received by said transmission/reception means;

an information generating means for generating service information and/or character information by performing a certain processing operation according to the signals of the digital broadcasting received by said reception means; and

a synthesizing means for synthesizing said video data and the service information and/or the character information generated by said information generating means and generating synthesized images;

said printing means being adapted to print the synthesized images generated by said synthesizing means.

12-20. (Canceled)

21. (Currently Amended) The digital broadcasting receiver according to claim 19, wherein A digital broadcasting receiver comprising a receiving section for receiving digital broadcasting and a printing section connected to said receiving section by way of a first signal transmission means for transmitting signals in order to print images contained in the digital broadcasting received by said receiving section;

said receiving section having:

a reception means for receiving digital broadcasting;

an imaging means for generating video data by performing a predetermined imaging operation according to the received signals of digital broadcasting; and

an output means for transmitting the video data generated by said imaging means to a display by way of said first signal transmission means for displaying the images of the digital broadcasting and to said printing section by way of said first signal transmission means;

said printing section having:

a reception means for receiving video data transmitted by said first signal transmission means; and

a printing means for printing the images of the video data received by said reception means;

said receiving section and said printing section are connected to each other by way of a second signal transmission means showing a data transmission rate lower than said first signal transmission means;

said receiving section and said printing section being provided with respective transmission/reception means for transmitting and receiving code data containing a quantity of information smaller than said video data;

said receiving section includes:

a code data generating means for generating code data containing service information and/or character information by performing a certain processing operation according to the signals of the digital broadcasting received by said reception means; and

said printing section includes:

a code data extracting means for extracting the service information and/or the character information out of the code data received by said transmission/reception means; and

a synthesizing means for synthesizing the service information and/or the character information extracted by said code data extracting means and generating synthesized images; said printing means being adapted to print the synthesized images generated by said synthesizing means.

22. (Currently Amended) ~~The digital broadcasting receiver according to claim 19, wherein A digital broadcasting receiver comprising a receiving section for receiving digital broadcasting and a printing section connected to said receiving section by way of a first signal transmission means for transmitting signals in order to print images contained in the digital broadcasting received by said receiving section;~~

said receiving section having:

a reception means for receiving digital broadcasting;

an imaging means for generating video data by performing a predetermined imaging operation according to the received signals of digital broadcasting; and

an output means for transmitting the video data generated by said imaging means to a display by way of said first signal transmission means for displaying the images of the digital broadcasting and to said printing section by way of said first signal transmission means;

said printing section having:

a reception means for receiving video data transmitted by said first signal transmission means; and

a printing means for printing the images of the video data received by said reception means;

said receiving section and said printing section are connected to each other by way of a second signal transmission means showing a data transmission rate lower than said first signal transmission means;

said receiving section and said printing section being provided with respective transmission/reception means for transmitting and receiving code data containing a quantity of information smaller than said video data;

 said receiving section includes:

 a code data generating means for generating code data containing predetermined selection information; and

 said printing section includes:

 a reception means for receiving digital broadcasting according to the selection information contained in the code data received by said transmission/reception means;

 an information generating means for generating service information and/or character information by performing a certain processing operation according to the signals of the digital broadcasting received by said reception means; and

 a synthesizing means for synthesizing said video data and the service information and/or the character information generated by said information generating means and generating synthesized images;

 said printing means being adapted to print the synthesized images generated by said synthesizing means.

23-36. (Canceled)

37. (Currently Amended) ~~The printer according to claim 35, wherein~~ A printer for printing the images of the video data generated by a receiver out of the digital broadcasting received by it, said printer comprising:

a reception means for receiving the video data transmitted from said receiver to a display by way of a first signal transmission means for transmitting signals for displaying digital broadcasting and to the printer by way of said first signal transmission means; and
a printing means for printing the images of the video data received by said reception means;

said printer is connected to said receiver by way of a second signal transmission means showing a data transmission rate lower than said first signal transmission means; and
further comprises a transmission/reception means for transmitting and receiving code data containing a quantity of information smaller than said video data;

 said receiving section receives the code data containing service information and/or character information and generated by said receiver by performing a certain processing operation according to the signals of the received digital broadcasting; and

 said printer further comprises:

 a code data extracting means for extracting the service information and/or the character information out of the code data received by said transmission/reception means; and

 a synthesizing means for synthesizing the service information and/or the character information extracted by said code data extracting means and generating synthesized images;

 said printing means being adapted to print the synthesized images generated by said synthesizing means.

38. (Currently Amended) ~~The printer according to claim 35, wherein~~ A printer for printing the images of the video data generated by a receiver out of the digital broadcasting received by it, said printer comprising:

a reception means for receiving the video data transmitted from said receiver to a display by way of a first signal transmission means for transmitting signals for displaying digital broadcasting and to the printer by way of said first signal transmission means; and
a printing means for printing the images of the video data received by said reception means;

said printer is connected to said receiver by way of a second signal transmission means showing a data transmission rate lower than said first signal transmission means; and
further comprises a transmission/reception means for transmitting and receiving code data containing a quantity of information smaller than said video data;

said receiving means receives the code data generated by said receiver and containing predetermined selection information; and

said printer further comprises:

a reception means for receiving digital broadcasting according to the selection information contained in the code data received by said transmission/reception means;

an information generating means for generating service information and/or character information by performing a certain processing operation according to the signals of the digital broadcasting received by said reception means; and

a synthesizing means for synthesizing said video data and the service information and/or the character information generated by said information generating means and generating synthesized images;

said printing means being adapted to print the synthesized images generated by said synthesizing means.

39-47. (Canceled)

48. (Currently Amended) ~~The printing method according to claim 46, wherein~~ A printing method for receiving digital broadcasting by means of a receiver and printing images contained in the digital broadcasting received by said receiver, said method comprising:

connecting said receiver, a display for displaying the images of the digital broadcasting received by said receiver and said printer to each other by means of a first signal transmission means for transmitting digital signals;

said receiver operating for:

receiving digital broadcasting;

generating video data by performing a predetermined imaging operation according to the received signals of digital broadcasting; and

transmitting the video data generated by said imaging means by way of said first signal transmission means;

said printer operating for:

receiving the video data transmitted by said first signal transmission means; and

printing the images of the video data received by said reception means;

said receiver and said printer are connected to each other by way of a second signal transmission means showing a data transmission rate lower than said first signal transmission means;

said receiver and said printer being provided with respective transmission/reception means for transmitting and receiving code data containing a quantity of information smaller than said video data;

 said receiver generates code data containing service information and/or character information by performing a certain processing operation according to the signals of the digital broadcasting received by it; and

 said printer extracts the service information and/or the character information out of the code data received by it, synthesizes the service information and/or the character information extracted by it and generates synthesized images;

 said printer being adapted to print the synthesized images.

49. (Currently Amended) ~~The digital broadcasting reception system according to claim 46, wherein~~ A printing method for receiving digital broadcasting by means of a receiver and printing images contained in the digital broadcasting received by said receiver, said method comprising:

connecting said receiver, a display for displaying the images of the digital broadcasting received by said receiver and said printer to each other by means of a first signal transmission means for transmitting digital signals;

said receiver operating for:

receiving digital broadcasting;

generating video data by performing a predetermined imaging operation according to the received signals of digital broadcasting; and

transmitting the video data generated by said imaging means by way of said first signal transmission means;

said printer operating for:

receiving the video data transmitted by said first signal transmission means; and

printing the images of the video data received by said reception means;

said receiver and said printer are connected to each other by way of a second signal transmission means showing a data transmission rate lower than said first signal transmission means;

said receiver and said printer being provided with respective transmission/reception means for transmitting and receiving code data containing a quantity of information smaller than said video data;

said receiver generates code data containing predetermined selection information; and

said printer receives digital broadcasting according to the selection information contained in the received code data, generates service information and/or character information by performing a certain processing operation according to the signals of the received digital broadcasting, synthesizes said video data and the service information and/or the character information generated by said information generating means and generates synthesized images;

said printer being adapted to print the synthesized images generated by said synthesizing means.